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F501-S Fluoride Ion Electrode User Manual





Technical Data:

1. Measuring range: (1.00 ~ 6.00) pF; (10^{-1} ~ 10^{-6}) mol/L; (1900~0.019) mg/L
2. Solution temperature: (5.0 ~ 40.0) °C
3. pH value of the solution: (5 ~ 6) pH
4. Internal resistance: $\leq 10\text{ M}\Omega$
5. Zero potential pF value: (0 ~ 1) pF
6. Insulation resistance: $\geq 1 \times 10^{11}\ \Omega$
7. Temperature Sensor: 30K Ω NTC
7. Size/connector: ($\varnothing 12 \times 145$) mm/8-pin

How to Use

Press  key to power on the WS100 or WS200 meter, connect F501-S fluoride ion electrode (pay attention to inserting direction), the meter automatically switches to fluoride ion concentration measurement mode.

Hold  to change fluoride ion concentration unit from mg/l, ppm to pX. Release the button after selection.

Activate the electrode by soaking it in the 19.00 mg/L calibration solution for 1 hour. For regular usage, soak 10 to 20 minutes to activate it. When the reading is fully stabilized ( stays on screen), the electrode activation is finished. Then you can start calibration and measurement. (Please note that the reading during activation is random).

After test, rinse off the electrode with distilled water or deionized water. Shake off excess water, and store dry with the cap on.

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